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ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ

ಯಲಹಂಕ ವಲಯ

ಬ್ಯಾಟರಾಯನಪುರ ವಿಭಾಗ

ಕೊಡಿಗೇಹಳ್ಳಿ ಉಪವಿಭಾಗ

ಕಾಮಗಾರಿ ಹೆಸರು : Construction of CC Drains at Bhadrappa layout in ward no. 8 kodigehalli sub division

ಅಂದಾಜು ಮೊತ್ತ : 9.50 ಲಕ್ಷಗಳು

ಜಾಬ್ ಕೋಡ್ : 008-12-000026

BRUHAT BANGALORE MAHANAGARA PALIKE
YELAHANKA ZONE

Name of Work : Construction of CC Drains at Bhadrappa layout in ward no. 8 kodigehalli sub division

Estimate Cost : Rs. 9.50 Lakhs

Sl. No	Description of Item	Unit	No.	L	B	D	Qty.	Rate	Amount
1	Removing B.S.Slab drain and stacking **(Page No. 24 & Item No. 5.32)**	Sqm							
	Cross Roads Drain		2	105.00	1.35		283.50		
							283.50	42.77	12124.73
	Basic Rate	39.60							
	Area Weightage @ 8%	3.17							
	Total	42.77							
2	KSRRB 300-1.1 : Earthwork excavation by manual means in **hard soil** involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications. Specification No.KRBS 300-1 MORT & H Specification No.301 to 305 **(Page No. 126, Item No.19.1)**	Cum							
	Drain		2	105.00	0.90	1.00	189.00		
	(-)Existing drain		2	105.00	0.45	0.30	28.35		
							160.65	77.76	12492.14
	Basic Rate	72.00							
	Area Weightage @ 8%	5.76							
	Total	77.76							
3	Refixing stone slabs of drains and pointing in C.M. (1:3) **(Page No. 24 & Item No. 5.33)**	Sqm							
			Qty. Vide Item No. 1 (60%)				170.10		
							170.10	52.16	8873.10
	Basic Rate	47.50							
	Add Diffrence in cost of cement 0.02x40.00=	0.80							
		48.30							
	Area Weightage @ 8%	3.86							
	Total	52.16							
4	KSRRB 2900-4.1: Providing and laying in position **plain cement concrete mix 1:4:8** with stone aggregate 40mm and down size in foundation upto a depth of 2m below ground level and upto a height of 1.5m above ground level / bed level machine mixed, concrete laid in layers not exceeding 15cms thick well compacted, cost of all materials, labour, HOM of machineries, curing complete as per specifications. **(Page.12 & Item No. 4.3)**	Cum							
			2	105.00	0.95	0.15	29.93		
							29.93	3495.96	104616.60
	Basic Rate	3101.00							
	Add Diffrence in cost of cement 3.40x40.00=	136.00							
		3237.00							

	Area Weightage @ 8%	258.96								
	Total	3495.96								
5	KSRB 4.2.2 : Providing and laying in position **reinforced cement concrete** of mix **1:1.5:3** with 20mm and down size graded granite metal, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation plinth and ground floor level for retaining walls, return walls, walls (any thickness) including attached plasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc., including cost of all materials, labour, HOM of machinery, curing, complete as per specifications. Specification No. KBS 4.1, 4.6. **(Page No. 12 & Item No. 4.11)**	**Cum**								
	Raft		2	105.00	0.90	0.10	18.90		
	side walls		4	105.00	0.15	0.75	47.25		
							66.15	**5247.72**	**347136.68**
	Basic Rate	4539.00							
	Add Diffrence in cost of cement 8.00x40.00=	320.00							
		4859.00							
	Area Weightage @ 8%	388.72							
	Total	**5247.72**							
6	KSRB 4.9.2 : Providing **T.M.T. Steel reinforcement for R.C.C.** work including straightening, cutting, bending, hooking , placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3. **(Page No. 16 & Item No. 4.46)**	**Qtl**								
	0.80/cum		Qty. Vide Item No. 5					52.92	5838.48	308972.36
	Basic Rate	5406.00								
	Area Weightage @ 8%	432.48								
	Total	5838.48								
7	KSRB 4-6:2: Providing and removing centering, shuttering, strutting, propping, etc., and removal of form work for flat surface such as suspended floors, roofs, landings, balconies and likes thickness above 200mm including cost of all materials, labour complete as per specifications.(P14/4.30)									
	outer		4	105.00		0.85	357.00			
	inner		4	105.00		0.75	315.00			
	Basic Rate	185.00					672.00	199.80	134265.60	
	Area Weightage @ 8%	14.80								
	Total	199.80								
9	Providing and fixing Cement concrete slabs on the Exsisting CC Drains including Fabrication of Steel. Moulding and Placing in Position including All Transprotation etc.									
			350	0.60	0.90	0.10	18.90			
							18.90	1075.00	20317.50	

10	Lead for disposal of debris shall be payable at Carriage rates by mechanical means with all lead and lift, loading, undloading and labour charges etc.,complete and as per the directions of the Engineer-in-charge of the work. (P 118/1, 17.1)	Cum							
	Average weight of erth 1.28 Ton/Cum	Mtone	(Qty. vide Item No. 1				160.65	82.68	13282.54
	Basic Rate Lead Charges upto 2.00 Kms								
	8x1.28x2=	20.48							
	loading and unloading	62.2							
		82.68							
11	Miscellaneous & Unforeseen Charges								43.48
	(Rupees Nine Lakhs Fifty thousand Only)								950000.00

Lead Not applied

CERTIFICATE

1 Certified that I have personally inspected the area and prepared the estimate.
2 Certified that the work proposed in this estimate is not including in any other scheme.
3 Certified that the estimate is prepared as per 2010-11 SR of PWD.
4 This works is not split up.

Assistant Engineer

Assistant Executive Engineer
Bruhat Bangalore Mahanagara Palike
Kodigehalli Sub Division

Executive Engineer
Bruhat Bangalore Mahanagara Palike
Byatarayanapura Division

Administrative approval for Rs. 9.50 lakhs
Rs - Nine lakhs. Fifty Thousand only
is accorded under head P-2201
M.h.A. Imconv 11-12
registered as EE No: 211 /25/07/11 Subject to conditions contained enclosed memo.
No: 211 / 2011-12 Dr. 25/07/11

AE/JE

EE (BTP. Div.) 25/7

Technical Sanction for Rs. 9.5 lakhs
Rs - Nine lakhs Fifty Thousand only
under P-2201 M.H.A Imconv 11-12
registered as EE No: 211 /25/07/11 Subject to conditions contained enclosed memo.
No: 211 / 2011-12 Dr. 25/07/11

AE/JE

EE (BTP. Div.) 25/7